

Recombinant Full Length Mouse Potassium/Sodium Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 3(Hcn3) Protein, His-Tagged

Cat. No. RFL27007MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3(Hcn3) Protein (O88705) (1-779aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-779)
Form	Lyophilized powder
AA Sequence	MEEEARPAAGAGEAATPARETPPAAPAQARAASGGVPESAPEPKRRQLGTLLQPT V NKFS LRVFGSHKAVEIEQERVKSAGAWIIHPYSDFRFYWDLIMLLLMVGNLIVLPVG ITFFKEE NSPPWIVFNVLSDTFFLLDLVLNFRGTGIVVEEGAEILLAPRAIRTRYLRTWFL VDLISSI PVDYIFLVVELEPRLD AEVYKTARALRIVRFTKILSLLRLLRLSRLIRYIHQWE EIFHMT YDLASAVVRIFNLIGMMLLLCHWDGCLQFLVPMLQDFPSPDCWVSMNRMV NHSWGRQYSHA LFKAMSHMLCIGYGQQAPVGMPDVWLTMLSMIVGATCYAMFIG HATALIQSLDSSRRQYQ EKYKQVEQYMSFHKL PADTRQRIHEYEHRYQGKMFDE ESILGELSEPLREEIINFTCRG LVAHMP LFAHADPSFVTAVLTKLRFEVFQPGDLVVR EGSVGRKMYFIQHGLLSVLARGAR DTRLTDGSYFGEICLLTRGRRTASVRADTYCR LYSLSDVDFNAVLEEFPMRRRAFETVAM DRLRRIGKKNSILQRKRSEPSPGSSGGV

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MEQHLVQHDRDMARGVRLAPGTGARLSGKPV LWEPLVHAPLQAAVTSNVAIAL
THQRGPLPLSPDSPATLLARSARRSAGSPASPLVPVR AGPLLARGPWASTSRLPAP
PARTLHASLSRTGRSQVSLGPPPGGGARRLGPRGRPLSAS QPSLPQRATGDGSP
RRKGSGSERLPPSGLLAKPPGTVPQPRSSVPEPVTGRGPQISANM

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Hcn3

Synonyms Hcn3; Hac3; Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3; Hyperpolarization-activated cation channel 3; HAC-3

UniProt ID [O88705](https://www.uniprot.org/entry/O88705)

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